

# **Exhibit D**

## UNITED STATES DISTRICT COURT

for the

Southern District of New York



Securities and Exchange Commission

Plaintiff

v.  
Ripple Labs, Inc., Bradley Garlinghouse,  
and Christian A. Larsen

Defendant

Civil Action No. 20 Civ. 10832 (AT)

SUBPOENA TO PRODUCE DOCUMENTS, INFORMATION, OR OBJECTS  
OR TO PERMIT INSPECTION OF PREMISES IN A CIVIL ACTION

To:

First Republic Bank

(Name of person to whom this subpoena is directed)

☒ **Production:** YOU ARE COMMANDED to produce at the time, date, and place set forth below the following documents, electronically stored information, or objects, and to permit inspection, copying, testing, or sampling of the material: See Attachment A hereto

Place: U.S. Securities and Exchange Commission 200 Vesey Street, Suite 400 New York, N.Y. 10281	Date and Time:  4/02/21 12:00 a.m.
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☐ **Inspection of Premises:** YOU ARE COMMANDED to permit entry onto the designated premises, land, or other property possessed or controlled by you at the time, date, and location set forth below, so that the requesting party may inspect, measure, survey, photograph, test, or sample the property or any designated object or operation on it.

Place:	Date and Time:
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The following provisions of Fed. R. Civ. P. 45 are attached – Rule 45(c), relating to the place of compliance; Rule 45(d), relating to your protection as a person subject to a subpoena; and Rule 45(e) and (g), relating to your duty to respond to this subpoena and the potential consequences of not doing so.

Date: 3.03.21

CLERK OF COURT

OR

Signature of Clerk or Deputy Clerk

Attorney's signature

The name, address, e-mail address, and telephone number of the attorney representing (name of party)

U.S. Securities and Exchange Commission, who issues or requests this subpoena, are:  
Jorge G. Tenreiro & Dugan Bliss, 200 Vesey Street, Suite 400, New York, N.Y. 10281 tenreiroj@sec.gov;  
blissd@sec.gov, 212 336 9145 (Tenreiro)

## Notice to the person who issues or requests this subpoena

A notice and a copy of the subpoena must be served on each party in this case before it is served on the person to whom it is directed. Fed. R. Civ. P. 45(a)(4).

Civil Action No. 20 Civ. 10832 (AT)

**PROOF OF SERVICE***(This section should not be filed with the court unless required by Fed. R. Civ. P. 45.)*

I received this subpoena for *(name of individual and title, if any)* \_\_\_\_\_  
 on *(date)* \_\_\_\_\_.

☐ I served the subpoena by delivering a copy to the named person as follows: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ on *(date)* \_\_\_\_\_; or

☐ I returned the subpoena unexecuted because: \_\_\_\_\_  
 \_\_\_\_\_

Unless the subpoena was issued on behalf of the United States, or one of its officers or agents, I have also  
 tendered to the witness the fees for one day's attendance, and the mileage allowed by law, in the amount of  
 \$ \_\_\_\_\_.

My fees are \$ \_\_\_\_\_ for travel and \$ \_\_\_\_\_ for services, for a total of \$ 0.00.

I declare under penalty of perjury that this information is true.

Date: \_\_\_\_\_  
 \_\_\_\_\_  
*Server's signature*

\_\_\_\_\_  
*Printed name and title*

\_\_\_\_\_  
*Server's address*

Additional information regarding attempted service, etc.:

Print

Save As...

Add Attachment

Reset



**Federal Rule of Civil Procedure 45 (c), (d), (e), and (g) (Effective 12/1/13)****(c) Place of Compliance.**

(1) *For a Trial, Hearing, or Deposition.* A subpoena may command a person to attend a trial, hearing, or deposition only as follows:

- (A) within 100 miles of where the person resides, is employed, or regularly transacts business in person; or
- (B) within the state where the person resides, is employed, or regularly transacts business in person, if the person
  - (i) is a party or a party's officer; or
  - (ii) is commanded to attend a trial and would not incur substantial expense.

(2) *For Other Discovery.* A subpoena may command:

- (A) production of documents, electronically stored information, or tangible things at a place within 100 miles of where the person resides, is employed, or regularly transacts business in person; and
- (B) inspection of premises at the premises to be inspected.

**(d) Protecting a Person Subject to a Subpoena; Enforcement.**

(1) *Avoiding Undue Burden or Expense; Sanctions.* A party or attorney responsible for issuing and serving a subpoena must take reasonable steps to avoid imposing undue burden or expense on a person subject to the subpoena. The court for the district where compliance is required must enforce this duty and impose an appropriate sanction—which may include lost earnings and reasonable attorney's fees—on a party or attorney who fails to comply.

(2) *Command to Produce Materials or Permit Inspection.*

(A) *Appearance Not Required.* A person commanded to produce documents, electronically stored information, or tangible things, or to permit the inspection of premises, need not appear in person at the place of production or inspection unless also commanded to appear for a deposition, hearing, or trial.

(B) *Objections.* A person commanded to produce documents or tangible things or to permit inspection may serve on the party or attorney designated in the subpoena a written objection to inspecting, copying, testing, or sampling any or all of the materials or to inspecting the premises—or to producing electronically stored information in the form or forms requested. The objection must be served before the earlier of the time specified for compliance or 14 days after the subpoena is served. If an objection is made, the following rules apply:

- (i) At any time, on notice to the commanded person, the serving party may move the court for the district where compliance is required for an order compelling production or inspection.
- (ii) These acts may be required only as directed in the order, and the order must protect a person who is neither a party nor a party's officer from significant expense resulting from compliance.

(3) *Quashing or Modifying a Subpoena.*

(A) *When Required.* On timely motion, the court for the district where compliance is required must quash or modify a subpoena that:

- (i) fails to allow a reasonable time to comply;
- (ii) requires a person to comply beyond the geographical limits specified in Rule 45(c);
- (iii) requires disclosure of privileged or other protected matter, if no exception or waiver applies; or
- (iv) subjects a person to undue burden.

(B) *When Permitted.* To protect a person subject to or affected by a subpoena, the court for the district where compliance is required may, on motion, quash or modify the subpoena if it requires:

- (i) disclosing a trade secret or other confidential research, development, or commercial information; or

(ii) disclosing an unretained expert's opinion or information that does not describe specific occurrences in dispute and results from the expert's study that was not requested by a party.

(C) *Specifying Conditions as an Alternative.* In the circumstances described in Rule 45(d)(3)(B), the court may, instead of quashing or modifying a subpoena, order appearance or production under specified conditions if the serving party:

- (i) shows a substantial need for the testimony or material that cannot be otherwise met without undue hardship; and
- (ii) ensures that the subpoenaed person will be reasonably compensated.

**(e) Duties in Responding to a Subpoena.**

(1) *Producing Documents or Electronically Stored Information.* These procedures apply to producing documents or electronically stored information:

(A) *Documents.* A person responding to a subpoena to produce documents must produce them as they are kept in the ordinary course of business or must organize and label them to correspond to the categories in the demand.

(B) *Form for Producing Electronically Stored Information Not Specified.* If a subpoena does not specify a form for producing electronically stored information, the person responding must produce it in a form or forms in which it is ordinarily maintained or in a reasonably usable form or forms.

(C) *Electronically Stored Information Produced in Only One Form.* The person responding need not produce the same electronically stored information in more than one form.

(D) *Inaccessible Electronically Stored Information.* The person responding need not provide discovery of electronically stored information from sources that the person identifies as not reasonably accessible because of undue burden or cost. On motion to compel discovery or for a protective order, the person responding must show that the information is not reasonably accessible because of undue burden or cost. If that showing is made, the court may nonetheless order discovery from such sources if the requesting party shows good cause, considering the limitations of Rule 26(b)(2)(C). The court may specify conditions for the discovery.

(2) *Claiming Privilege or Protection.*

(A) *Information Withheld.* A person withholding subpoenaed information under a claim that it is privileged or subject to protection as trial-preparation material must:

- (i) expressly make the claim; and
- (ii) describe the nature of the withheld documents, communications, or tangible things in a manner that, without revealing information itself privileged or protected, will enable the parties to assess the claim.

(B) *Information Produced.* If information produced in response to a subpoena is subject to a claim of privilege or of protection as trial-preparation material, the person making the claim may notify any party that received the information of the claim and the basis for it. After being notified, a party must promptly return, sequester, or destroy the specified information and any copies it has; must not use or disclose the information until the claim is resolved; must take reasonable steps to retrieve the information if the party disclosed it before being notified; and may promptly present the information under seal to the court for the district where compliance is required for a determination of the claim. The person who produced the information must preserve the information until the claim is resolved.

(g) *Contempt.*

The court for the district where compliance is required—and also, after a motion is transferred, the issuing court—may hold in contempt a person who, having been served, fails without adequate excuse to obey the subpoena or an order related to it.



**ATTACHMENT FOR SUBPOENA ISSUED TO FIRST REPUBLIC BANK  
SEC v. Ripple Labs, Inc., et al., No. 20 Civ. 10832 (S.D.N.Y.)**

March 3, 2021

**Definitions**

As used in this subpoena, the words and phrases listed below shall have the following meanings:

1. “First Republic” means First Republic Bank and any of its parents, subsidiaries, affiliates, predecessors, successors, officers, directors, employees, agents, partners, and independent contractors, as well as aliases, code names, trade names, or business names used by, or formerly used by, any of the foregoing, including but not limited to Silicon Valley Bank.
2. “Ripple” means the entity doing business under the name “Ripple Labs, Inc.,” including parents, subsidiaries, affiliates, predecessors, successors, officers, directors, employees, agents, general partners, limited partners, partnerships and aliases, code names, or trade or business names used by any of the foregoing, including, for the avoidance of doubt, the entity doing business under the name XRP II, LLC.
3. “Garlinghouse” means Bradley Garlinghouse, Ripple’s CEO.
4. “Larsen” means Christian A. Larsen, Ripple’s former CEO.
5. “Person” means a natural person, firm, association, organization, partnership, business, trust, corporation, bank or any other private or public entity.
6. A “Representative” of a Person means any present or former family members, officers, executives, partners, joint-venturers, directors, trustees, employees, consultants, accountants, attorneys, agents, or any other representative acting or purporting to act on behalf of the Person.
7. “Document” shall include, but is not limited to, any written, printed, or typed matter including, but not limited to all drafts and copies bearing notations or marks not found in the original, letters and correspondence, interoffice communications, slips, tickets, records, worksheets, financial records, accounting documents, bookkeeping documents, memoranda, reports, manuals, telephone logs, facsimiles, messages of any type, telephone messages, text messages, voice mails, tape recordings, notices, instructions, minutes, summaries, notes of meetings, file folder markings, and any other organizational indicia, purchase orders, information recorded by photographic process, including microfilm and microfiche, computer printouts, spreadsheets, and other electronically stored information, including but not limited to writings, drawings, graphs, charts,



photographs, sound recordings, images, and other data or data compilations that are stored in any medium from which information can be retrieved, obtained, manipulated, or translated.

8. "Communication" means any correspondence, contact, discussion, e-mail, instant message, or any other kind of oral or written exchange or transmission of information (in the form of facts, ideas, inquiries, or otherwise) and any response thereto between two or more Persons or entities, including, without limitation, all telephone conversations, face-to-face meetings or conversations, internal or external discussions, or exchanges of a Document or Documents.
9. "Concerning" means directly or indirectly, in whole or in part, describing, constituting, evidencing, recording, evaluating, substantiating, concerning, referring to, alluding to, in connection with, commenting on, relating to, regarding, discussing, showing, describing, analyzing or reflecting.
10. An "Agreement" means any actual or contemplated (i) written or oral Agreement; (ii) term or provision of such Agreement; or (iii) amendment of any nature or termination of such Agreement. A request for any Agreement among or between specified parties includes a request for all Documents Concerning (i) any actual or contemplated Agreement among or between such parties, whether or not such Agreement included any other Person; (ii) the drafting or negotiation of any such Agreement; (iii) any actual or contemplated demand, request or application for any such Agreement, and any response thereto; and (iv) any actual or contemplated objection or refusal to enter into any such Agreement, and any response thereto.
11. The term "Reviewed" means examined, assessed, considered, analyzed or evaluated.
12. The term "you" and "your" means the Person to whom or entity to which this subpoena was issued.
13. To the extent necessary to bring within the scope of this this subpoena any information or Documents that might otherwise be construed to be outside its scope:
  - a. the word "or" means "and/or";
  - b. the word "and" means "and/or";
  - c. the functional words "each," "every" "any" and "all" shall each be deemed to include each of the other functional words;
  - d. the masculine gender includes the female gender and the female gender includes the masculine gender; and
  - e. the singular includes the plural and the plural includes the singular.



### **Instructions**

1. Unless otherwise specified, this subpoena calls for production of the original Documents and all copies and drafts of same. Documents responsive to this subpoena may be in electronic or paper form. Electronic Documents such as email should be produced in accordance with the attached Document entitled SEC Data Delivery Standards. All responsive electronic Documents, including all metadata, should also be produced in their native software format.
2. The subpoena does not require that you produce to the Staff of the SEC any documents you may have previously provided in connection with the investigation of this matter.
3. For Documents in paper format, you may send the originals, or, if you prefer, you may send copies of the originals. The Commission cannot reimburse you for the copying costs. If you are sending copies, the staff requests that you scan (rather than photocopy) hard copy Documents and produce them in an electronic format consistent with the SEC Data Delivery Standards. Alternatively, you may send us photocopies of the Documents in paper format. If you choose to send copies, you must secure and retain the originals and store them in a safe place. The staff may later request or require that you produce the originals.
4. Whether you scan or photocopy Documents, the copies must be identical to the originals, including even faint marks or print. Also, please note that if copies of a Document differ in any way, they are considered separate Documents and you must send each one. For example, if you have two copies of the same letter, but only one of them has handwritten notes on it, you must send both the clean copy and the one with notes.
5. In producing a photocopy of an original Document that contains post-it(s), notation flag(s), or other removable markings or attachments which may conceal all or a portion of the markings contained in the original Document, photocopies of the original Document both with and without the relevant post-it(s), notation flag(s), or removable markings or attachments should be produced.
6. Documents should be produced as they are kept in the ordinary course of business or be organized and labeled to correspond with the categories in this request. In that regard, Documents should be produced in a unitized manner, i.e., delineated with staples or paper clips to identify the Document boundaries.
7. Documents should be labeled with sequential numbering (bates-stamped).
8. You must produce all Documents created during, or Concerning, the time periods identified in this subpoena, unless otherwise specified.
9. The scope of any given request should not be limited or narrowed based on the



fact that it calls for Documents that are responsive to another request.

10. You are not required to produce exact duplicates of any Documents that have been previously produced to the Securities and Exchange Commission staff in connection with this matter. If you are not producing Documents based upon a prior production, please identify the responsive Documents that were previously produced.
11. For any Documents that qualify as records of regularly conducted activities under Federal Rule of Evidence 902(11), please complete a business records certification (a sample of which is enclosed) and return it with the Document production.
12. This subpoena covers all Documents in or subject to your possession, custody or control, including all Documents that are not in your immediate possession but that you have the effective ability to obtain, that are responsive, in whole or in part, to any of the individual requests set forth below. If, for any reason – including a claim of attorney-client privilege – you do not produce something called for by the request, you should submit a list of what you are not producing. The list should describe each item separately, noting:
  - a. its author(s);
  - b. its date;
  - c. its subject matter;
  - d. the name of the Person who has the item now, or the last Person known to have it;
  - e. the names of everyone who ever had the item or a copy of it, and the names of everyone who was told the item's contents;
  - f. the basis upon which you are not producing the responsive Document;
  - g. the specific request in the subpoena to which the Document relates;
  - h. the attorney(s) and the client(s) involved; and
  - i. in the case of the work product doctrine, the litigation for which the Document was prepared in anticipation.
13. If Documents responsive to this subpoena no longer exist because they have been lost, discarded, or otherwise destroyed, you should identify such Documents and give the date on which they were lost, discarded or destroyed.



**Documents to be Produced**

Produce all Documents identified below (electronically, pursuant to the Commission's Data Delivery Standards) for the period of **accounting opening to the present** Concerning any account in the name of (including, but not limited to, any known account numbers listed below):

#	Name	DOB and/or Address
1	Christian Anton Larsen	
2	Bradley Kent Garlinghouse, Jr.	
3	Ripple Labs Inc.	315 Montgomery Street, 2nd Floor San Francisco, CA 94104
4	Ripple Labs Singapore Pte Ltd.	315 Montgomery Street, 2nd Floor San Francisco, CA 94104
5	Ripple Markets Inc.	315 Montgomery Street, 2nd Floor San Francisco, CA 94104
6	Ripple Services Inc.	315 Montgomery Street, 2nd Floor San Francisco, CA 94104
7	XRP II LLC	315 Montgomery Street, 2nd Floor San Francisco, CA 94104

1. Electronic file of all account transaction data in either **MS Excel spreadsheet file format or in a Delimited Text file format with a preferred delimiter of a vertical bar “|”.**
2. Electronic image of all account opening and authority information (regardless of date), including but not limited to new account applications and attachments or exhibits thereto, corporate or partnership resolutions, and all signature cards, regardless of when created, prepared, received, or otherwise obtained;
3. Electronic image of all monthly account statements; and
4. Electronic image of all supporting documents for all account transactions in the monthly account statements, including but not limited to the following: **canceled checks (front and back); deposit slips and copies of the deposit items listed on the deposit slips; debit and credit notices; drafts of all manner; cashier's checks; official checks; money orders; certified checks; electronic fund transfer notices; wire transfer advices/notices and wire transfer instructions (including authorizations, memoranda, and confirmations);**



## U.S. Securities and Exchange Commission

**Data Delivery Standards**

This document describes the technical requirements for paper and electronic document productions to the U.S. Securities and Exchange Commission (SEC). **\*\*Any questions or proposed file formats other than those described below must be discussed with the legal and technical staff of the SEC Division of Enforcement prior to submission.\*\***

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**General Instructions**

Due to COVID-19 restrictions the current, temporary mailing address for all physical productions sent to the SEC is:  
**ENF-CPU, 6315 Bren Mar Drive, Suite 175, Alexandria, VA 22312**

Electronic files must be produced in their native format, i.e. the format in which they are ordinarily used and maintained during the normal course of business. For example, an MS Excel file must be produced as an MS Excel file rather than an image of a spreadsheet. (Note: An Adobe PDF file is not considered a native file unless the document was initially created as a PDF.)

In the event produced files require the use of proprietary software not commonly found in the workplace, the SEC will explore other format options with the producing party.

The proposed use of file de-duplication methodologies or *computer-assisted review* or *technology-assisted review* (TAR) during the processing of documents must be discussed with and approved by the legal and technical staff of the Division of Enforcement (ENF). If your production will be de-duplicated it is vital that you 1) preserve any unique metadata associated with the duplicate files, for example, custodian name and file location and, 2) make that unique metadata part of your production to the SEC.



General requirements for **ALL** document productions are:

1. A cover letter must be included with each production and should include the following information:
  - a. Case number, case name and requesting SEC staff member name
  - b. A list of each piece of media included in the production with its unique production volume number
  - c. A list of custodians, identifying the Bates range for each custodian
  - d. The time zone in which the emails were standardized during conversion
  - e. Whether the production contains native files produced from Mac operating system environments
2. Data can be produced on CD, DVD, thumb drive, etc., using the media requiring the least number of deliverables and labeled with the following:
  - a. Case number
  - b. Production date
  - c. Producing party
  - d. Bates range (if applicable)
3. All submissions must be organized by custodian unless otherwise instructed.
4. All document family groups, i.e. email attachments, embedded files, etc., should be produced together and children files should follow parent files sequentially in the Bates numbering.
5. All load-ready collections should include only one data load file and one image pointer file.
6. All load-ready text must be produced as separate document-level text files.
7. All load-ready collections should account for custodians in the custodian field.
8. All load-ready collections must provide the extracted contents of any container files to ensure all relevant files are produced as separate records.
9. Audio files should be separated from data files if both are included in the production.
10. Only alphanumeric characters and the underscore character are permitted in file names and folder names. Special characters are not permitted.
11. All electronic productions submitted on media must be produced using industry standard self-extracting encryption software.
12. The SEC uses 7zip to access compressed files. Note that the SEC **cannot** accept files that use AES-256 Jpeg or pkAES-256-Cert Deflate compression methods, even if the files are created with 7zip. If you have any questions or need additional information, please reach out to the requesting SEC staff member.
13. Electronic productions of 20 GB or less are strongly encouraged to be submitted via Secure File Transfer. All Secure File Transfers should be sent to the SEC Centralized Production Unit ([ENF-CPU@sec.gov](mailto:ENF-CPU@sec.gov)) with a CC to the requesting SEC staff member. If you do not have your own Secure File Transfer application, you may reach out to the requesting SEC staff member for a link to the SEC system in order to upload your production. If using the SEC Secure File Transfer system, you will NOT be able to CC individuals outside the SEC on your upload transmission. Note that the SEC **cannot** accept productions made using file sharing sites such as Google Drive, Microsoft Office 365 or Dropbox.
14. Productions containing BSA or SAR material must be delivered on encrypted physical media. The SEC **cannot** accept electronic transmission of BSA or SAR material. Any BSA or SAR material produced should be segregated and appropriately marked as BSA or SAR material, or should be produced separately from other case related material.
15. Passwords for electronic documents, files, compressed archives and encrypted media must be provided separately either via email or in a cover letter apart from the media.
16. All electronic productions should be produced free of computer viruses.
17. Before producing forensically collected images, parties should reach out to the requesting SEC staff member in order to discuss appropriate handling.
18. Before producing unique data sets (large sets of relational data, website reconstruction, chat room data, etc.), parties should reach out to the requesting SEC staff member in order to discuss an appropriate production format.
19. Additional technical descriptions can be found in the addendum to this document.

**\*Please note that productions sent to the SEC via United States Postal Service are subject to Mail Irradiation, and as a result electronic productions may be damaged.\***



**Delivery Formats****I. Imaged Productions**

The SEC prefers that all scanned paper and electronic file collections be produced in a structured format including industry standard load files, Bates numbered image files, native files and searchable document-level text files.

**1. Images**

- a. Black and white images must be 300 DPI Group IV single-page TIFF files
- b. Color images must be produced in JPEG format
- c. File names cannot contain embedded spaces or special characters (including the comma)
- d. Folder names cannot contain embedded spaces or special characters (including the comma)
- e. All image files must have a unique file name, i.e. Bates number
- f. Images must be endorsed with sequential Bates numbers in the lower right corner of each image
- g. The number of image files per folder should not exceed 2,000 files
- h. Excel spreadsheets should have a placeholder image named by the Bates number of the file
- i. AUTOCAD/photograph files should be produced as a single page JPEG file

**2. Image Cross-Reference File**

The image cross-reference file (.LOG or .OPT) links the images to the database records. It should be a comma-delimited file consisting of seven fields per line with a line in the cross-reference file for every image in the database with the following format:

*ImageID,VolumeLabel,ImageFilePath,DocumentBreak,FolderBreak,BoxBreak,PageCount*

**3. Data File**

The data file (.DAT) contains all of the fielded information that will be loaded into the database.

- a. The first line of the .DAT file must be a header row identifying the field names
- b. The .DAT file must use the following *Concordance®* default delimiters:  
Comma ¶ ASCII character (020)  
Quote ¢ ASCII character (254)
- c. If the .DAT file is produced in Unicode format it must contain the byte order marker
- d. Date fields should be provided in the format: mm/dd/yyyy
- e. Date and time fields must be two separate fields
- f. The time zone must be included in all time fields
- g. If the production includes imaged emails and attachments, the attachment fields must be included to preserve the parent/child relationship between an email and its attachments
- h. An OCRPATH field must be included to provide the file path and name of the extracted text file on the produced storage media. The text file must be named after the FIRSTBATES. Do not include the text in the .DAT file.
- i. For productions with native files, a LINK field must be included to provide the file path and name of the native file on the produced storage media. The native file must be named after the FIRSTBATES.
- j. BEGATTACH and ENDATTACH fields must be two separate fields
- k. A complete list of metadata fields is available in **Addendum A** to this document

**4. Text**

Text must be produced as separate document-level text files, not as fields within the .DAT file. The text files must be named per the FIRSTBATES/Image Key and the full path to the text file (OCRPATH) should be included in the .DAT file. Text files may be in either ANSI or Unicode format, however, ALL text files must be in the same format within the same production. Note that productions containing text with foreign characters must produce text files in Unicode format to preserve the foreign characters. Text files must be in a separate folder, and the number of text files per folder should not exceed 2,000 files. There should be no special characters (including commas) in the folder names. For redacted documents, provide the full text for the redacted version.

**5. Linked Native Files**

Copies of original email and native file documents/attachments must be included for all electronic productions.

- a. Native file documents must be named per the FIRSTBATES number
- b. The full path of the native file must be provided in the .DAT file for the LINK field
- c. The number of native files per folder should not exceed 2,000 files



**II. Native File Production without Load Files**

With prior approval, native files may be produced without load files. The native files must be produced as they are maintained in the normal course of business and organized by custodian-named file folders. When approved, native email files (.PST or .MBOX) may be produced. A separate folder should be provided for each custodian.

**III. Adobe PDF File Production**

With prior approval, Adobe PDF files may be produced in native file format.

1. All PDFs must be unitized at the document level, i.e., each PDF must represent a discrete document.
2. PDF files should be produced in separate folders named by the custodian. The folders should not contain any special characters (including commas).
3. All PDF files must contain embedded text that includes all discernible words within the document, not selected text or image only. This requires all layers of the PDF to be flattened first.
4. If PDF files are Bates endorsed, the PDF files must be named by the Bates range.

**IV. Audio Files**

Audio files from telephone recording systems must be produced in a format that is playable using Microsoft Windows Media Player™. Additionally, the call information (metadata) related to each audio recording MUST be provided. The metadata file must be produced in a delimited text format. Field names must be included in the first row of the text file.

The metadata must include, at a minimum, the following fields:

- |                        |  |
|------------------------|--|
| 1) Caller Name:        | Caller's name or account/identification number |
| 2) Originating Number: | Caller's phone number                          |
| 3) Called Party Name:  | Called party's name                            |
| 4) Terminating Number: | Called party's phone number                    |
| 5) Date:               | Date of call                                   |
| 6) Time:               | Time of call                                   |
| 7) Filename:           | Filename of audio file                         |

**V. Video Files**

Video files must be produced in a format that is playable using Microsoft Windows Media Player™.

**VI. Electronic Trade and Bank Records**

When producing electronic trade records, bank records, or financial statements, provide the files in one of the following formats:

1. MS Excel spreadsheet with header information detailing the field structure. If any special codes exist in the dataset, a separate document must be provided that details all such codes. If details of the field structure do not fit in the header, a separate document must be provided that includes such details.
2. Delimited text file with header information detailing the field structure. The preferred delimiter is a vertical bar "|". If any special codes exist in the dataset, a separate document must be provided that details all such codes. If details of the field structure do not fit in the header, a separate document must be provided that includes such details.

**VII. Electronic Phone Records**

When producing electronic phone records, provide the files in the following format:

1. MS Excel spreadsheet with header information detailing the field structure. If any special codes exist in the dataset, a separate document must be provided that details all such codes. If details of the field structure do not fit in the header, a separate document must be provided that includes such details. Data must be formatted in its native format (i.e. dates in a date format, numbers in an appropriate numerical format, and numbers with leading zeroes as text).
  - a. The metadata that must be included is outlined in Addendum B of this document. Each field of data must be loaded into a separate column. For example, Date and Start\_Time must be produced in separate columns and not combined into a single column containing both pieces of information. Any fields of data that are provided in addition to those listed in Addendum B must also be loaded into separate columns.

**VIII. Audit Workpapers**

The SEC prefers for workpapers to be produced in two formats: (1) With Bates numbers in accordance with the SEC Data Delivery Standards; and (2) in native format or if proprietary software was used, on a standalone laptop with the appropriate software loaded so that the workpapers may be reviewed as they would have been maintained in the ordinary course of business. The laptop must have printing capability, and when possible, the laptop should be configured to enable a Virtual Machine (VM) environment.

**IX. Mobile Device Data**

Before producing mobile device data (including but not limited to text messages) parties should reach out to the requesting SEC staff member in order to discuss the appropriate production format.



**ADDENDUM A**

The metadata of electronic document collections should be extracted and provided in a .DAT file using the field definition and formatting described below:

Field Name	Sample Data	Description
FIRSTBATES	EDC0000001	First Bates number of native file document/email
LASTBATES	EDC0000001	Last Bates number of native file document/email **The LASTBATES field should be populated for single page documents/emails.
ATTACHRANGE	EDC0000001 - EDC0000015	Bates number of the first page of the parent document to the Bates number of the last page of the last attachment "child" document
BEGATTACH	EDC0000001	First Bates number of attachment range
ENDATTACH	EDC0000015	Last Bates number of attachment range
PARENT_BATES	EDC0000001	First Bates number of parent document/Email **This PARENT_BATES field should be populated in each record representing an attachment "child" document
CHILD_BATES	EDC0000002; EDC0000014	First Bates number of "child" attachment(s); can be more than one Bates number listed depending on the number of attachments **The CHILD_BATES field should be populated in each record representing a "parent" document
CUSTODIAN	Smith, John	Email: Mailbox where the email resided Native: Name of the individual or department from whose files the document originated
FROM	John Smith	Email: Sender Native: Author(s) of document **semi-colon should be used to separate multiple entries
TO	Coffman, Janice; LeeW [mailto:LeeW@MSN.com]	Recipient(s) **semi-colon should be used to separate multiple entries
CC	Frank Thompson [mailto:frank_Thompson@cdt.com]	Carbon copy recipient(s) **semi-colon should be used to separate multiple entries
BCC	John Cain	Blind carbon copy recipient(s) **semi-colon should be used to separate multiple entries
SUBJECT	Board Meeting Minutes	Email: Subject line of the email Native: Title of document (if available)
FILE_NAME	BoardMeetingMinutes.docx	Native: Name of the original native file, including extension
DATE_SENT	10/12/2010	Email: Date the email was sent Native: (empty)
TIME_SENT/TIME_ZONE	07:05 PM GMT	Email: Time the email was sent/ Time zone in which the emails were standardized during conversion. Native: (empty) **This data must be a separate field and cannot be combined with the DATE_SENT field
TIME_ZONE	GMT	The time zone in which the emails were standardized during conversion. Email: Time zone Native: (empty)

LINK	D:\001\EDC0000001.msg	Hyperlink to the email or native file document **The linked file must be named per the FIRSTBATES number
MIME_TYPE	application/msword	The content type of an email or native file document as identified/extracted from the header
FILE_EXTEN	MSG	The file type extension representing the email or native file document; will vary depending on the format
AUTHOR	John Smith	Email: (empty) Native: Author of the document
LAST_AUTHOR	Jane Doe	Email: (empty) Native: Last Author of the document
DATE_CREATED	10/10/2010	Email: (empty) Native: Date the document was created
TIME_CREATED/TIME_ZONE	10:25 AM GMT	Email: (empty) Native: Time the document was created including time zone **This data must be a separate field and cannot be
DATE_MOD	10/12/2010	Email: (empty) Native: Date the document was last modified
TIME_MOD/TIME_ZONE	07:00 PM GMT	Email: (empty) Native: Time the document was last modified including the time zone **This data must be a separate field and cannot be
DATE_ACCESSD	10/12/2010	Email: (empty) Native: Date the document was last accessed
TIME_ACCESSD/TIME_ZONE	07:00 PM GMT	Email: (empty) Native: Time the document was last accessed including the time zone **This data must be a separate field and cannot be
PRINTED_DATE	10/12/2010	Email: (empty) Native: Date the document was last printed
FILE_SIZE	5,952	Size of native file document/email in KB
PGCOUNT	1	Number of pages in native file document/email
PATH	J:\Shared\SmithJ\October Agenda.doc	Email: (empty) Native: Path where native file document was stored including original file name.
INTFILEPATH	Personal Folders\Deleted Items\Board Meeting Minutes.msg	Email: original location of email including original file name. Native: (empty)
INTMSGID	<000805c2c71b\$75977050\$cb8306d1@MSN>	Email: Unique Message ID Native: (empty)



HEADER	Return-Path: <example_from@dc.edu> X-SpamCatcher-Score:1[X] Received:from[136.167.40.119] (HELO dc.edu) by fe3.dc.edu (CommuniGate Pro SMTP4.1.8) with ESMTP-TLS id 61258719 for example_to@mail.dc.edu; Mon, 23 Aug 2004 11:40:10 - 0400 Message-ID: <4129F3CA.2020509@dc.edu> Date: Mon, 23 Aug 2005 11:40:36 -400 From: Taylor Evans <example_from@dc.edu> User-Agent:Mozilla/5.0 (Windows;U; Windows NT 5.1; en-US;rv:1.0.1) Gecko/20020823 Netscape/7.0 X-Accept-Language:en-us,en MIME-Version:1.0 To: Jon Smith <example_to@mail.dc.edu> Subject:Business Development Meeting Content-Type: text/plain;charset=us-ascii; format=flowed Content-Transfer-Encoding:7bit	Email: The email header information Native: (empty)
MD5HASH	d131dd02c5e6eec4693d9a069 8aff95c 2fcab58712467eab4004583eb 8fb7f89	MD5 Hash value of the document.
OCRPATH	TEXT/001/EDC0000001.txt	Path to extracted text of the native file

## Sample Image Cross-Reference File:

```

IMG0000001,,E:\001\IMG0000001.TIF,Y,,,
IMG0000002,,E:\001\IMG0000002.TIF,,,,
IMG0000003,,E:\001\IMG0000003.TIF,,,,
IMG0000004,,E:\001\IMG0000004.TIF,Y,,,
IMG0000005,,E:\001\IMG0000005.TIF,Y,,,
IMG0000006,,E:\001\IMG0000006.TIF,,,,

```

**ADDENDUM B**

For Electronic Phone Records, include the following fields in separate columns:

For Calls:

- 1) Account Number
- 2) Connection Date – Date the call was received or made
- 3) Connection Time – Time call was received or made
- 4) Seizure Time – Time it took for the call to be placed in seconds
- 5) Originating Number – Phone that placed the call
- 6) Terminating Number – Phone that received the call
- 7) Elapsed Time – The length of time the call lasted, preferably in seconds
- 8) End Time – The time the call ended
- 9) Number Dialed – Actual number dialed
- 10) IMEI Originating – Unique id to phone used to make call
- 11) IMEI Terminating– Unique id to phone used to receive call
- 12) IMSI Originating – Unique id to phone used to make call
- 13) IMSI Terminating- Unique id to phone used to receive call
- 14) Call Codes – Identify call direction or other routing information
- 15) Time Zone – Time Zone in which the call was received or placed, if applicable

For Text messages:

- 1) Account Number
- 2) Connection Date – Date the text was received or made
- 3) Connection Time – Time text was received or made
- 4) Originating Number – Who placed the text
- 5) Terminating Number – Who received the text
- 6) IMEI Originating – Unique id to phone used to make text
- 7) IMEI Terminating– Unique id to phone used to receive text
- 8) IMSI Originating - Unique id to phone used to make text
- 9) IMSI Terminating- Unique id to phone used to receive text
- 10) Text Code – Identify text direction, or other text routing information
- 11) Text Type Code – Type of text message (sent SMS, MMS, or other)
- 12) Time Zone – Time Zone in which the call was received or placed, if applicable

For Mobile Data Usage:

- 1) Account Number
- 2) Connection Date – Date the data was received or made
- 3) Connection Time – Time data was received or made
- 4) Originating number – Number that used data
- 5) IMEI Originating – Unique id of phone that used data
- 6) IMSI Originating - Unique id of phone that used data
- 7) Data or Data codes – Identify data direction, or other data routing information
- 8) Time Zone – Time Zone in which the call was received or placed, if applicable